

Bulletin of the Agricultural Chemical Society of Japan.

Vol. 3.

(Nos. 28-39)

1927

The Agricultural Chemical Society of Japan.

c/o Faculty of Agriculture, Tokyo Imperial University.

Bulletin of the
Agricultural Chemical Society
of Japan.

Vol. 3.
(Nos. 28-30)

Digitized by the Internet Archive
in 2024

The Agricultural Chemical Society of Japan.
c/o Faculty of Agriculture, Tokyo Imperial University.

Contents

Munenari TANAKA: Eine Mikroquantitative Kohlenstoff Analyse im Boden. ...	1
Yoshitaka HASHITANI: Studies on Yeast-gum. ...	2
Kozo SUZUKI and Tadashi HATANO: The Influence of Ultra-violet Light upon the Growth of Animals. ...	14
Munenari TANAKA: Eine neue Synthese von Alizarin. ...	17
Teizo TAKAHASHI and Toshinobu ASAI: On the Determination of the Colloidal Substances in alcoholic Beverages with the Interferometer. ...	20
Teizo TAKAHASHI and Kin-ichiro SAKAGUCHI: Studies on Acids formed by Rhizopus Species. Part III. The Formation of d-Gluconic acid. ...	24
Teizo TAKAHASHI and Toshinobu ASAI: Studies on Acids formed by Rhizopus Species. Part IV. ...	25
Kisaku MORIKAWA: A new Butyl and Isopropyl Alcohols Fermentation. ...	28
Kozo SUZUKI and Yoshio KAISHIO: A New Method of colorimetric Esti- mation of Histidine. ...	33
Teizo TAKAHASHI Kin-ichiro SAKAGUCHI: On the Physiology of Rhizopus Species. Part I. (The relation between the condition of the growth of the fungus and the production of acid and ethyl alcohol.) ...	35
Teizo TAKAHASHI and Kin-ichiro SAKAGUCHI: On the Physiology Rhizopus Species. Part II. (The relation quantities of the production of ethyl alcohol and carbondioxide.) ...	37
Teizo TAKAHASHI and Kin-ichiro SAKAGUCHI: On the Physiology of Rhizo- pus Species. Part III. (The effect of phosphoric acid and potassium for the production of acids and ethyl alcohol.) ...	39
Teizo TAKAHASHI and Kin-ichiro SAKAGUCHI: On the Physiology of Rhizo- pus Species. Part IV. (The relation between carbon source and the production of alcohol and acids, especially the formation of succinic acid from glycerine.) ...	42
Hisamoto NAKAGAWA and Satio ARAKAWA: Microbiological Investigation on the Soil and Sea-water from Ogasawara Islands. I. ...	45

Tomotsune TAIRA: On the Pinacoline Transformation of 2,3-Butyleneglycol and its Identification...	46
Michio SAITO: Digestion and Metabolism Experiments with Sheep fed on Mixed Hay.	49
Masuzo SHIKATA, Isamu TACHI and Nobushige HOZAKI: On the Application of the Polarograph to the Analysis of abnormal mineral Constituents.	52
Masuzo SHIKATA and Isamu TACHI: Research on Reduction Potentials of Organic Compounds. (Part II)	53
Kozo SUZUKI: On the Egg-Yolk Oil.	54
Yukio TOMIYASU: On the Distribution of Acetylmethyl-carbinol and 2,3-Butylenglycol in Japanese Fermentation Products.	55
Shigeru OSUGI and Takeo TANAKA: On the Weathering of the Granite-Rocks of two Districts in Japan.	56
Teizo TAKAHASHI and Kin-ichiro SAKAGUCHI: Studies on the Acids formed by Rhizopus species. Part V.	59
Ziro NAKAMIYA and Kozo KAWAKAMI: Hydrogenation of Sterol-free Unsaponifiable Matters of Cod-Liver Oil. I.	62
Etsuo TAKAMIYA: Experimental Studies upon the Alkalimetric Estimation of Amino acid and Peptides by the Method of Willstätter and Waldschmid-Leitz.	66
Shozo BITO: On the Manganese contained in the Mulberry leaf.	67
Matsunosuke KITAGAWA: Studies on Enzyme Action III.	68
Matsunosuke KITAGAWA: Studies on Enzyme Action IV.	70
Shigeru OSUGI and Yoshio SANO: On the degree of Saturation and the Absorbed Bases of Japanese Soils.	71
Masakazu YAMADA: On the Mechanism of the Fruit-ester formation by <i>Willia anomola</i> sp.	73
Masakazu YAMADA: On the Origin of Aldehydes in Fermentation Products. I.	76
Masakazu YAMADA: On the Origin of Aldehydes in Fermentation Products. II.	80
Masakazu YAMADA and Kanroku KURONO: On the Production of Acetoïn and 2,3-Butylenglycol by Microbes and their Distribution in Fermen-	

tation Products.	83
Teizo TAKAHASHI, Kin-ichiro SAKAGUCHI and Toshinobu ASAI: On the Physiology of Rhizopus Species.	87
Yukihiko NAKAMURA: On the Differences of Brewing Barley according to Species. II. (The Kinetics of the Enzymatic Decomposition of the proteins.)	92
Etsuo TAKAMIYA: On the Influence of Magnesium and Mangan-salts' Alcoholic Solutions upon the Indicator Phenolphthalein.	94
Masuzo SHIKATA & Isamu TACHI: Research on the Electrolytic Reduction Potentials of Organic Compounds. Part III. (Reduction Potentials of Nicotinic Acid.)	95
Kenjiro SHOJI: The Polarographic studies on the Fermentation Products. Part I.	96
Sator OHDAKE: On the Chemical Constituents of Yeast-Extract.	98
Hisae SATOW: Physical and Chemical Investigations of Rice as Raw Material of Saké.	123

Published by the
Agricultural Chemical Society of Japan.

770 Faculty of Agriculture, Tokyo Imperial University.

Single Copy (Postage included) :-

¥ 0.35

Annual Subscription (12 numbers) :-

¥ 2.50

